Abstract

1   A method of coherently provisioning one or more paths through a transport network *is*

2   *disclosed*. In other words, none of the traffic paths are provisioned *unless* all of the traffic paths can

3   be provisioned. All of the nodes in one or more transport networks are listed that must be configured

4   to provision all of the proposed traffic paths, and all of the nodes are checked, *one after another*, to

5   ensure that each node can, in fact, provide all of the resources needed to establish all of the proposed

6   traffic paths before any of the traffic paths are actually provisioned. As each node is visited, the set-up

7   message directs each node to reserve, but not actually provision, the resources to be provided by that

8   node for all of the proposed traffic paths. When all of the nodes have been visited, the set-up message

9   re-visits each node and directs each node to actually provision the resources that had been previously

10   reserved.